

Title: THE QUALITY OF DISPLAYED IMAGES
WITH USER PREFERENCE INFORMATION

Inventors: Bill Hill, et al.

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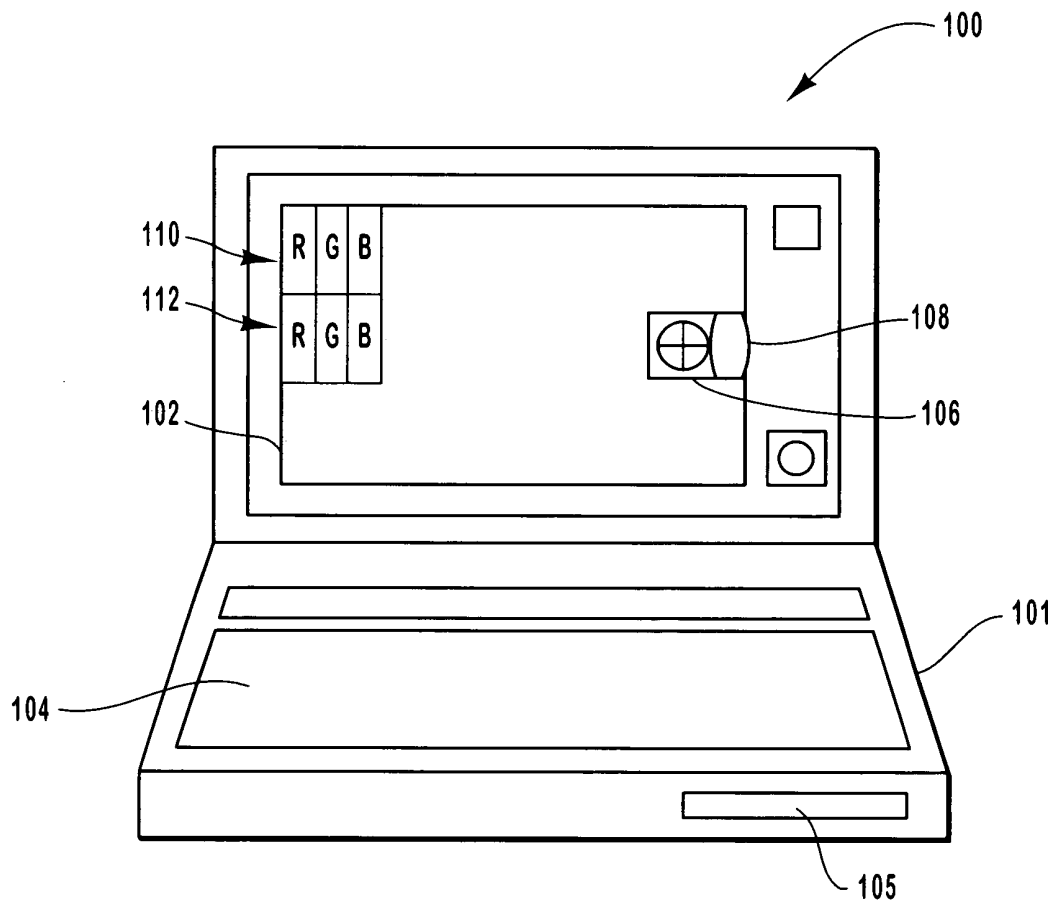


FIG. 1

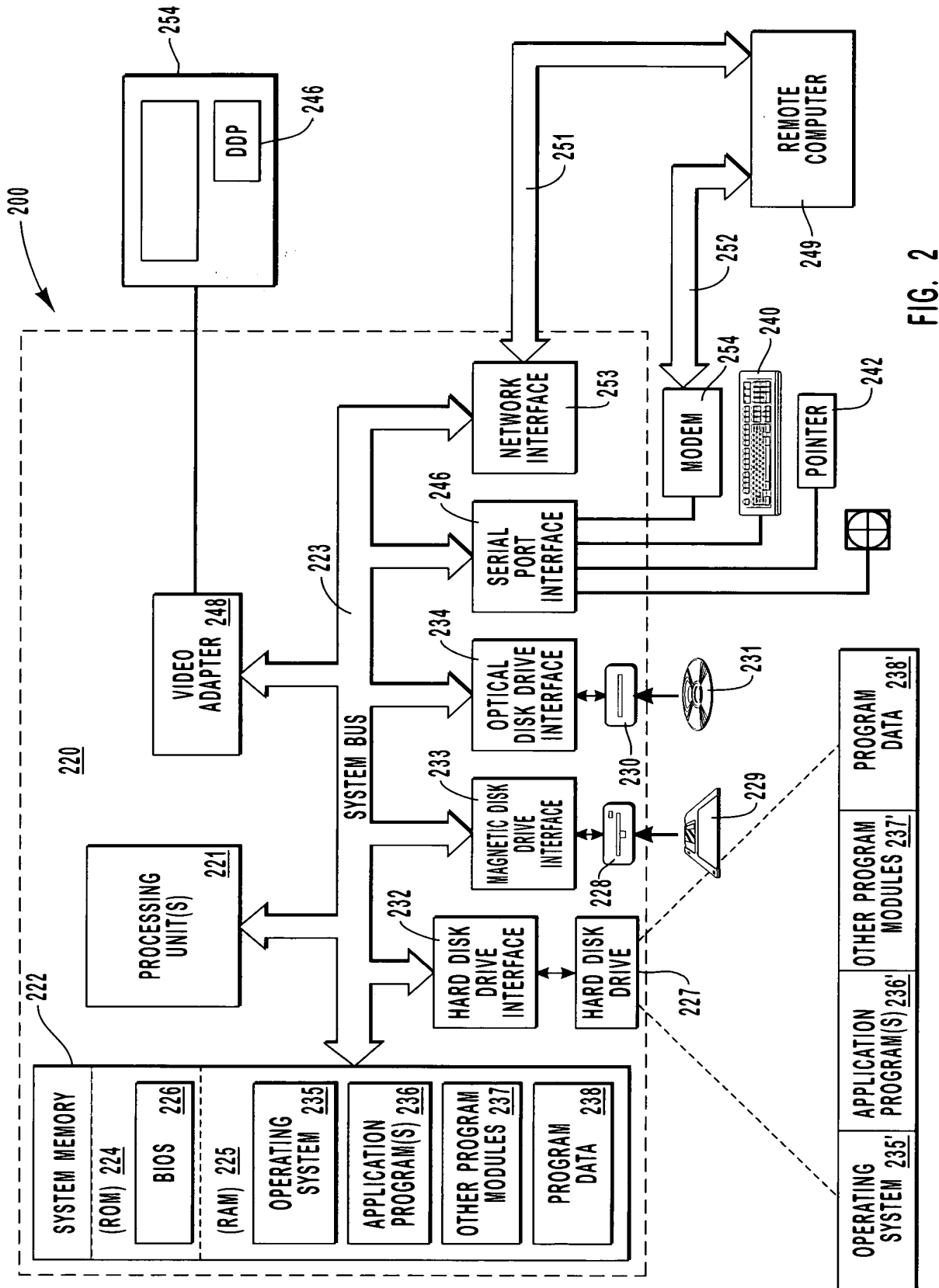


FIG. 2

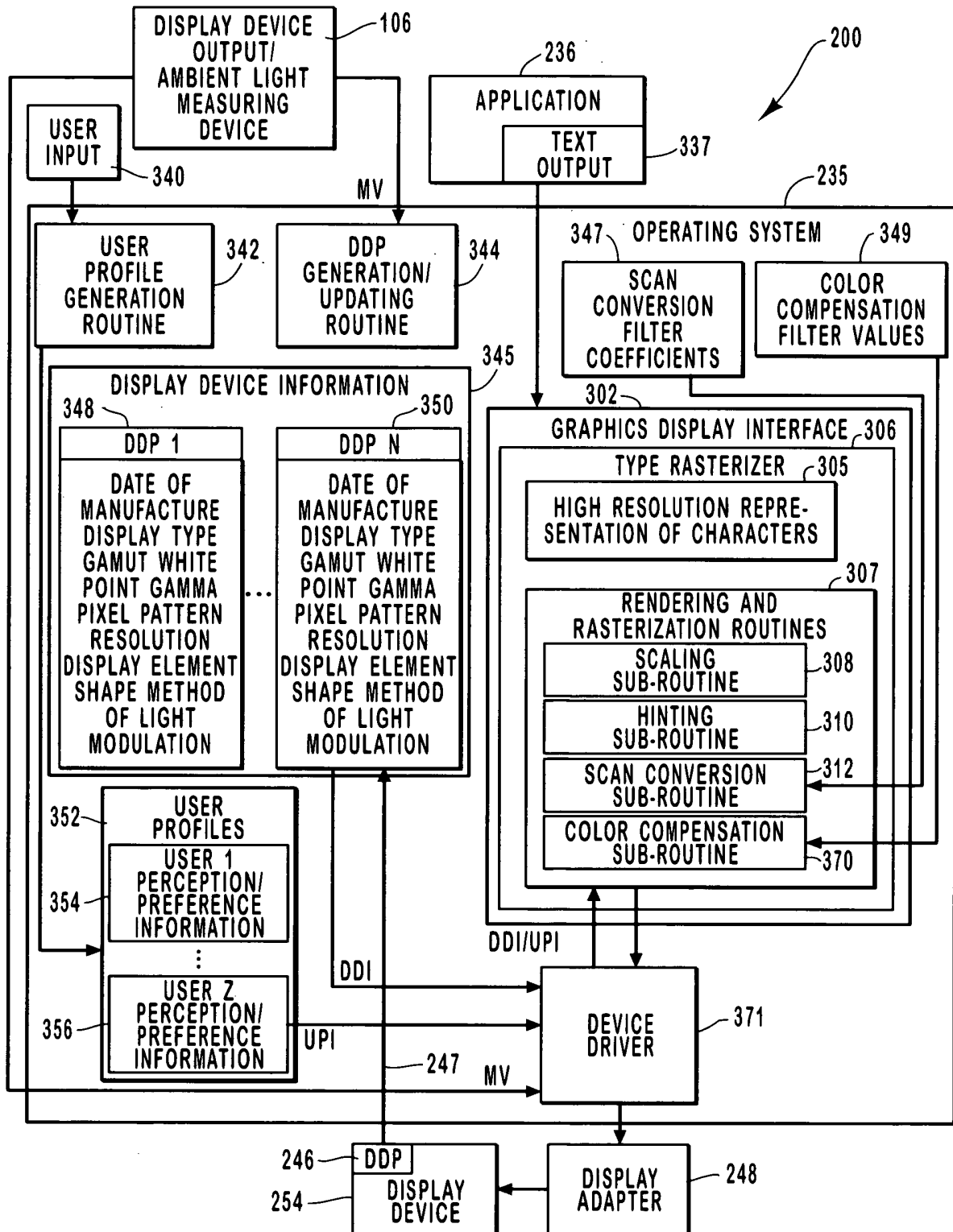


FIG. 3

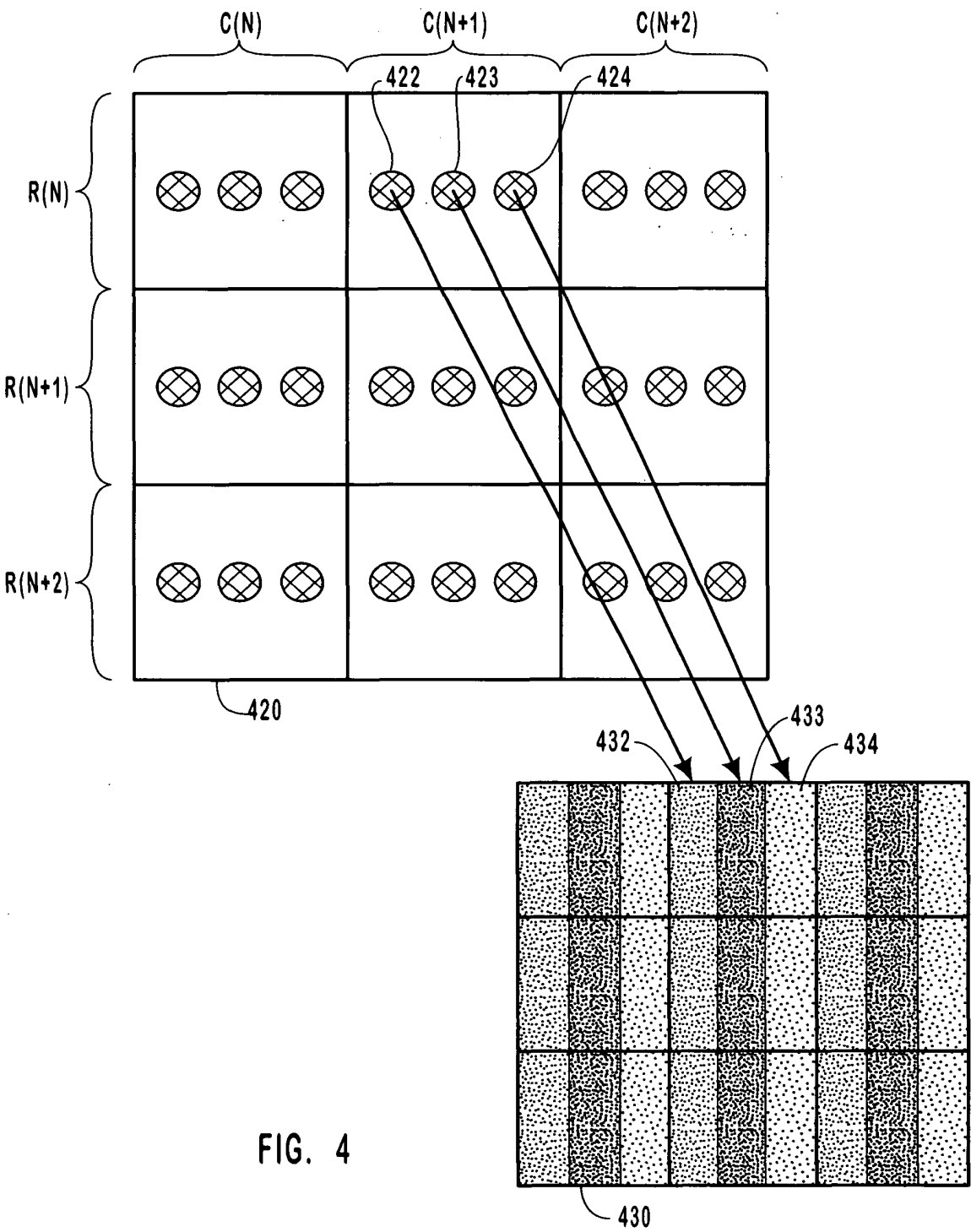


FIG. 4

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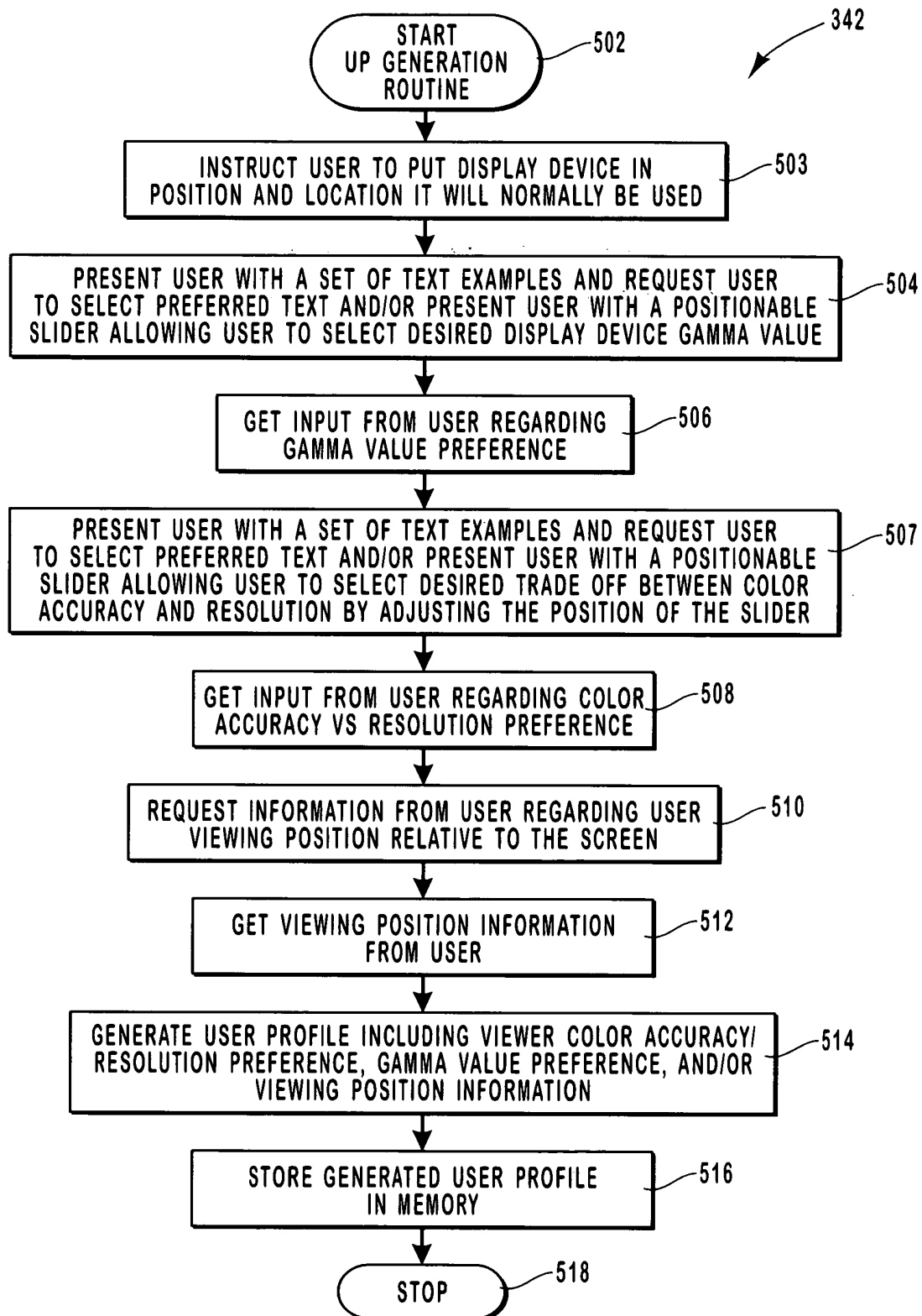


FIG. 5

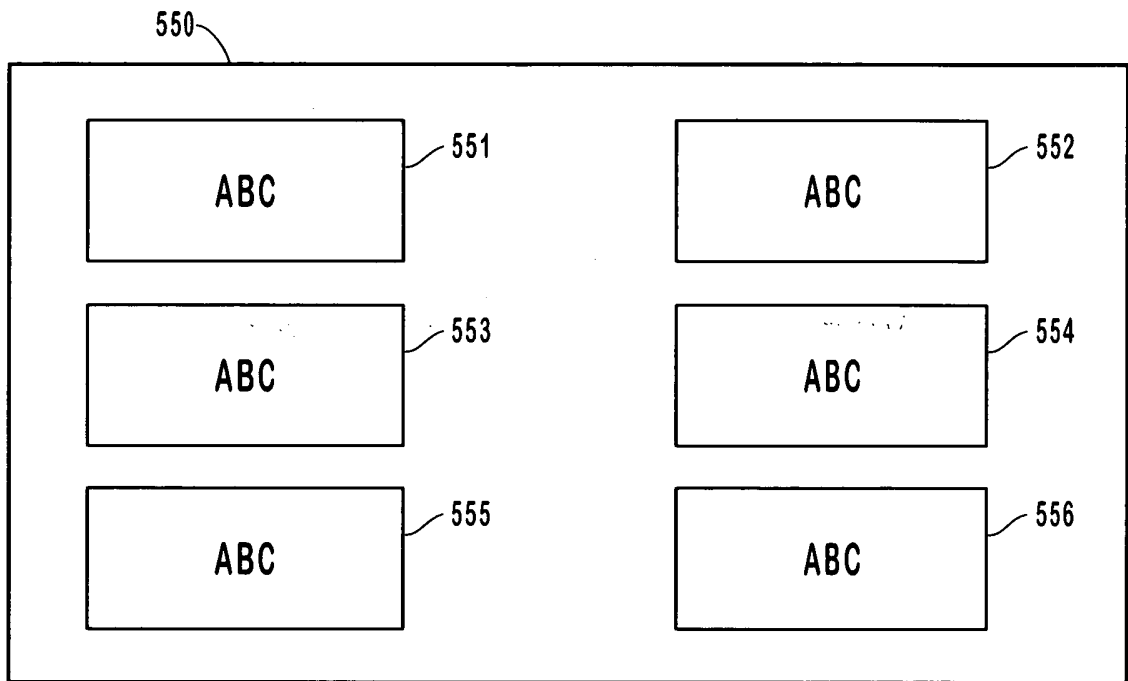


FIG. 6

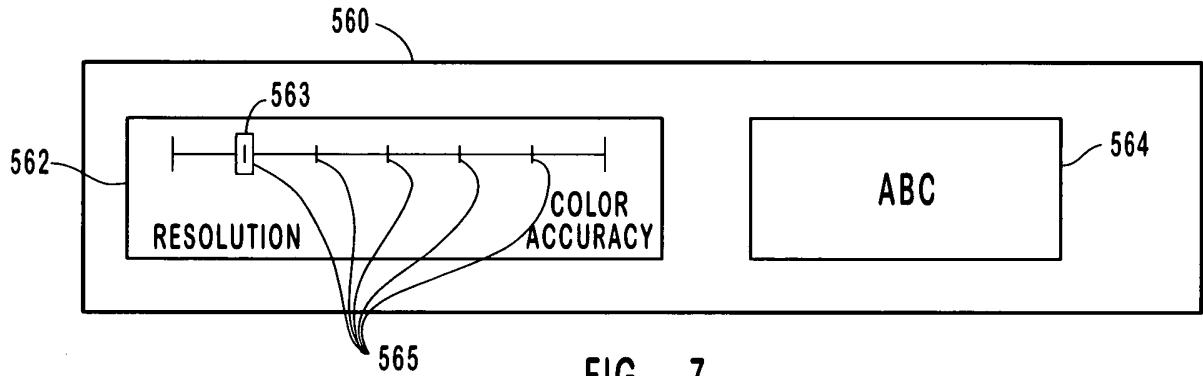


FIG. 7

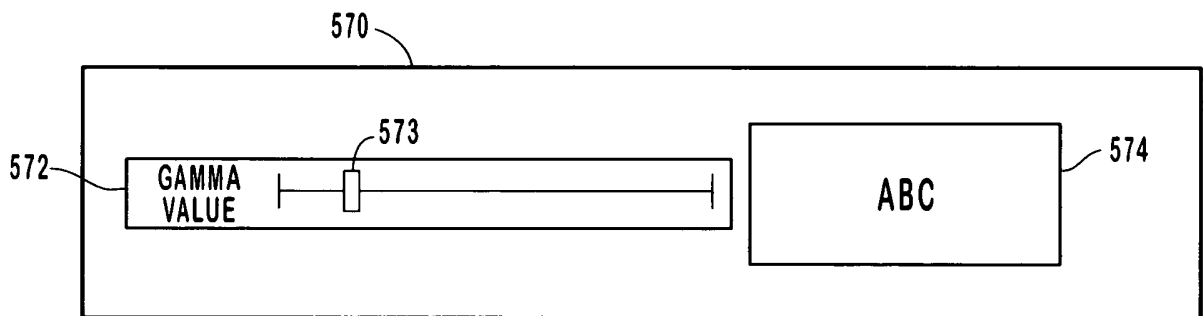
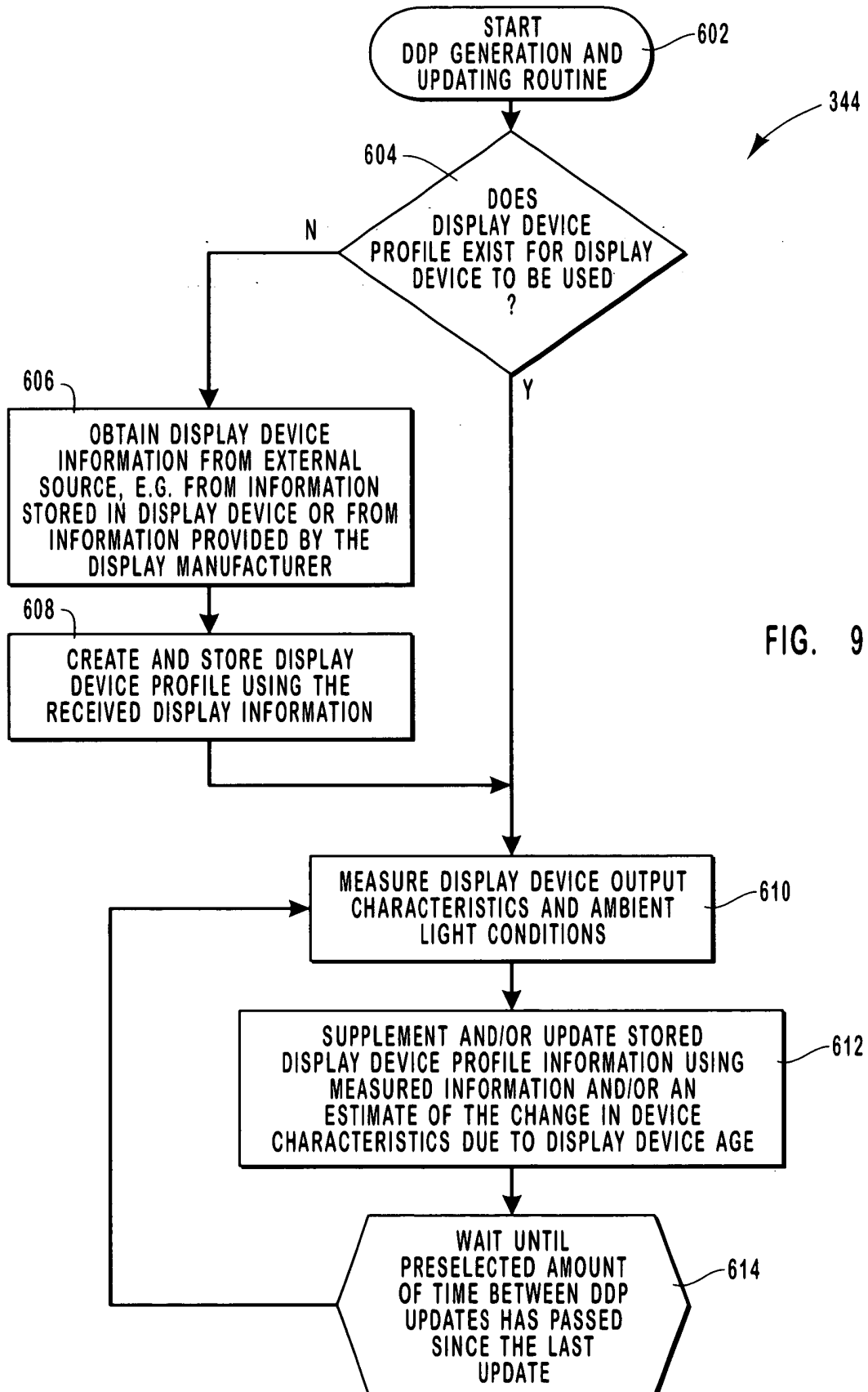


FIG. 8



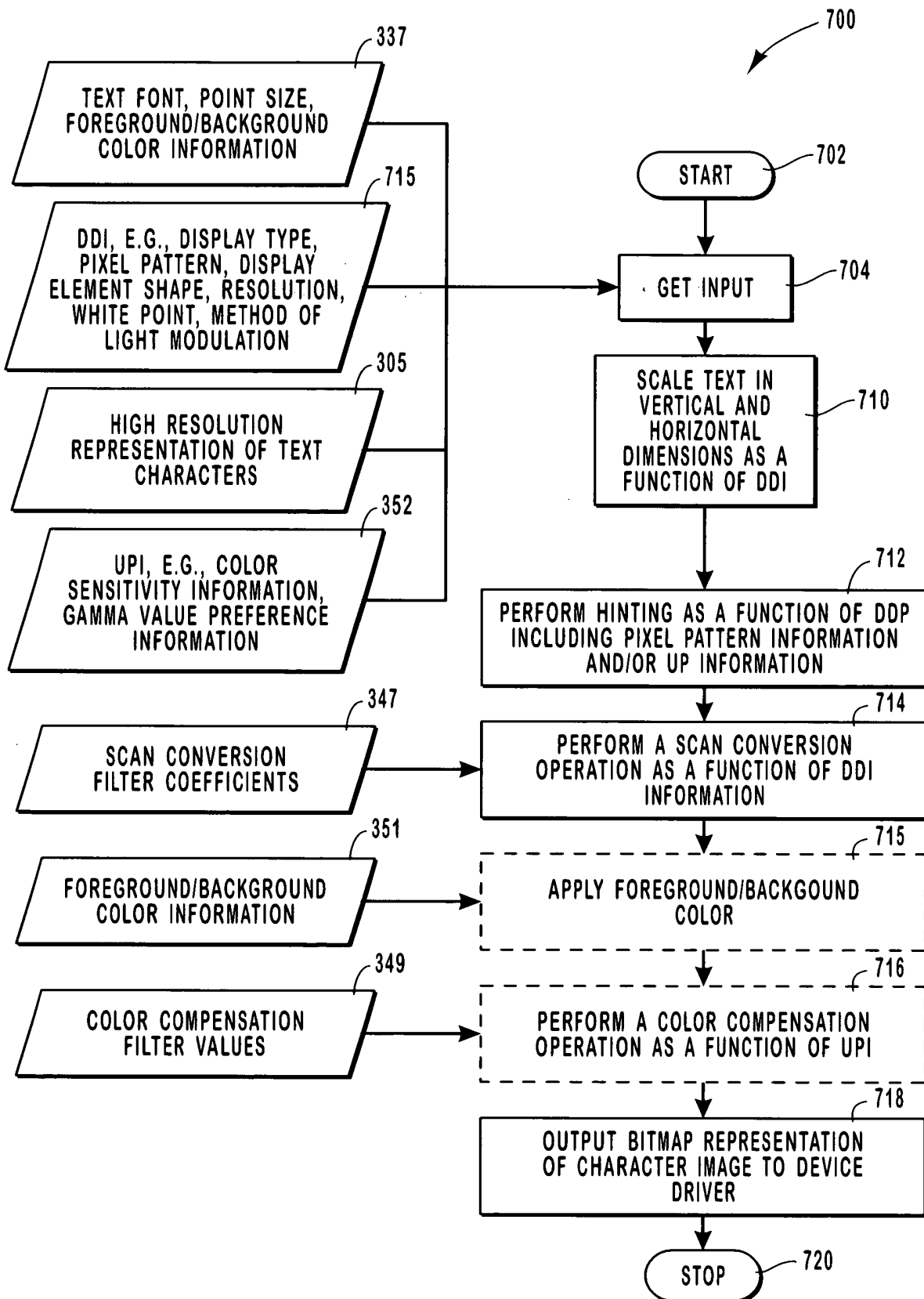


FIG. 10

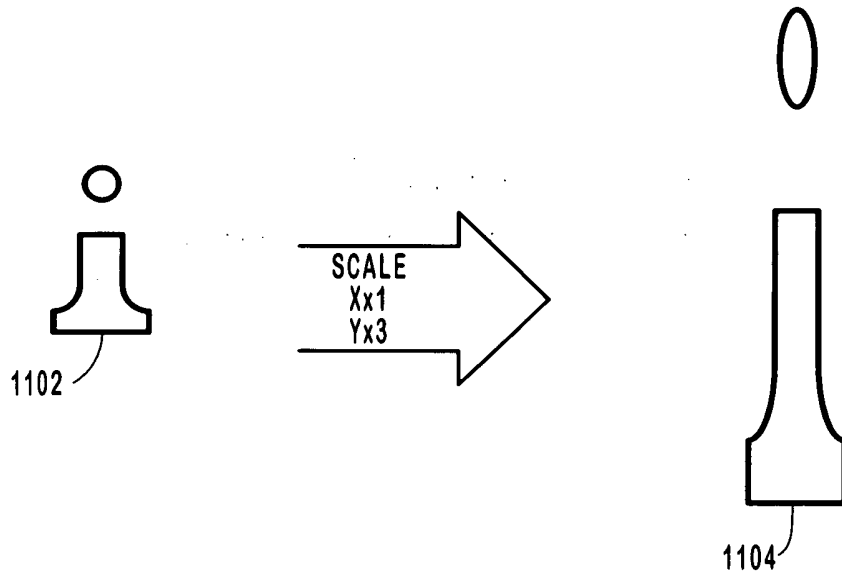


FIG. 11

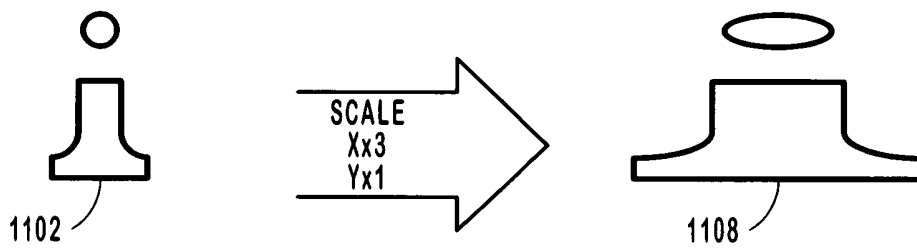
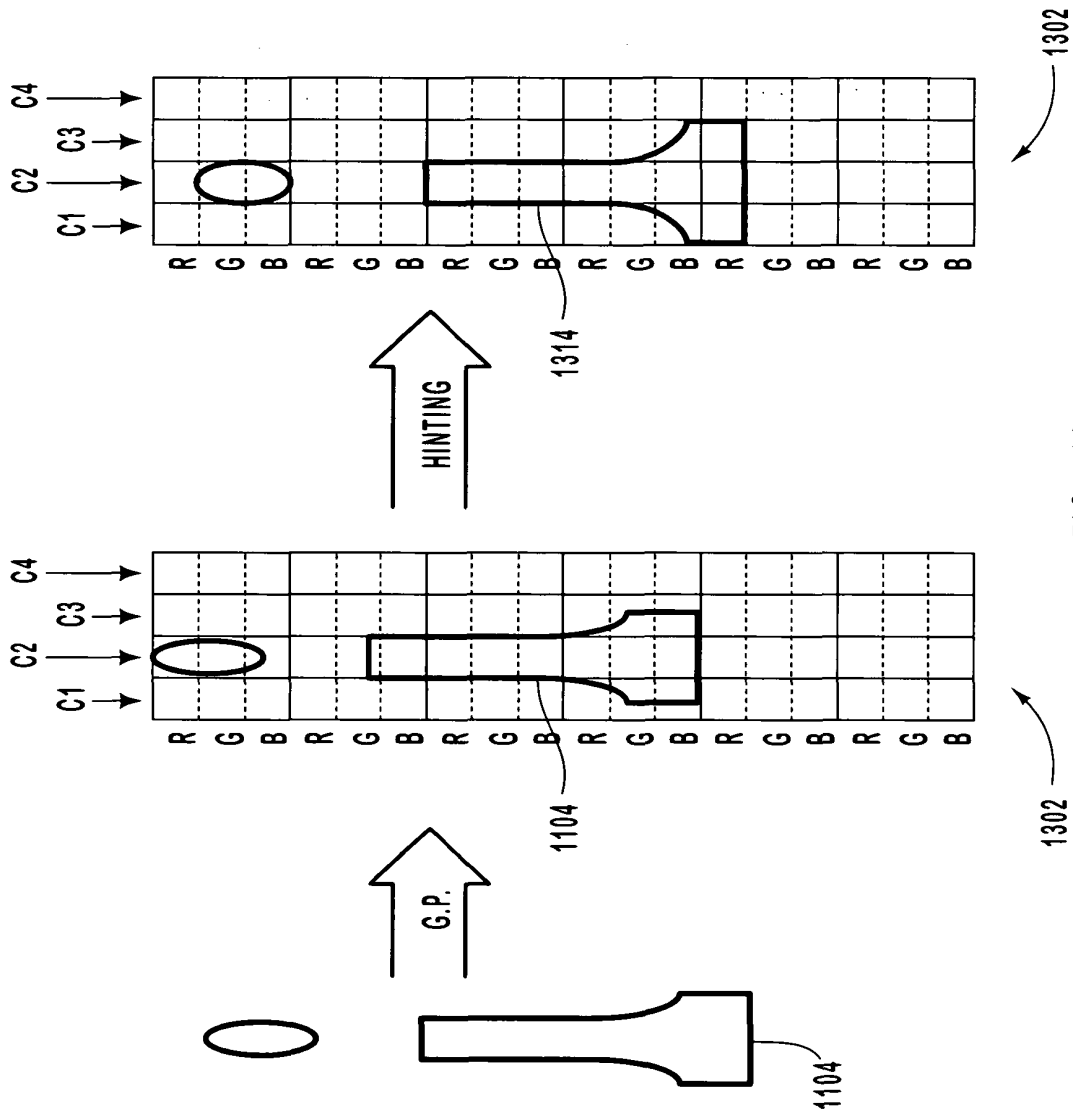


FIG. 12



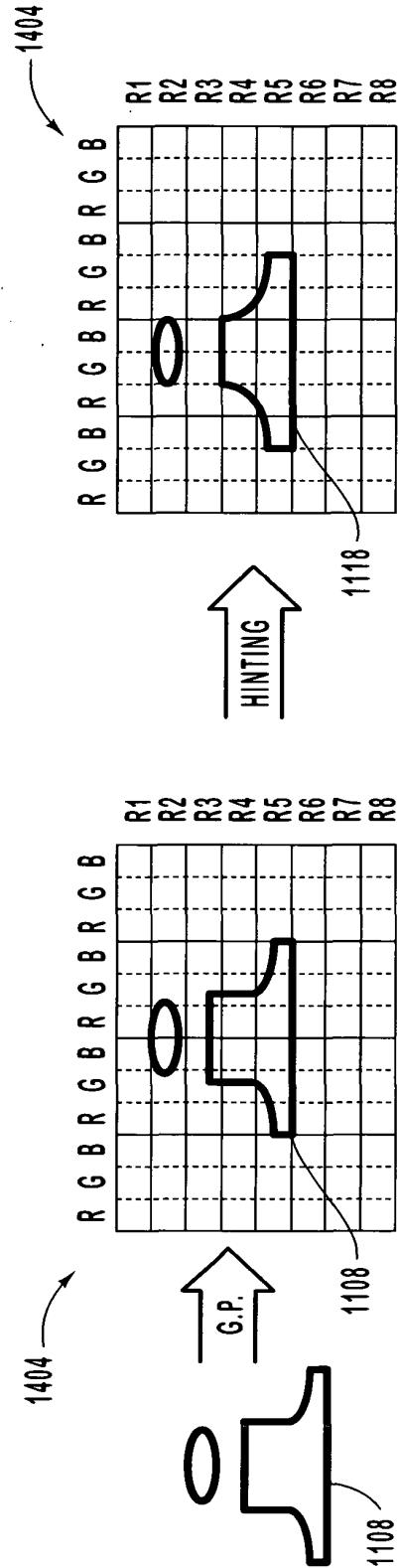


FIG. 14

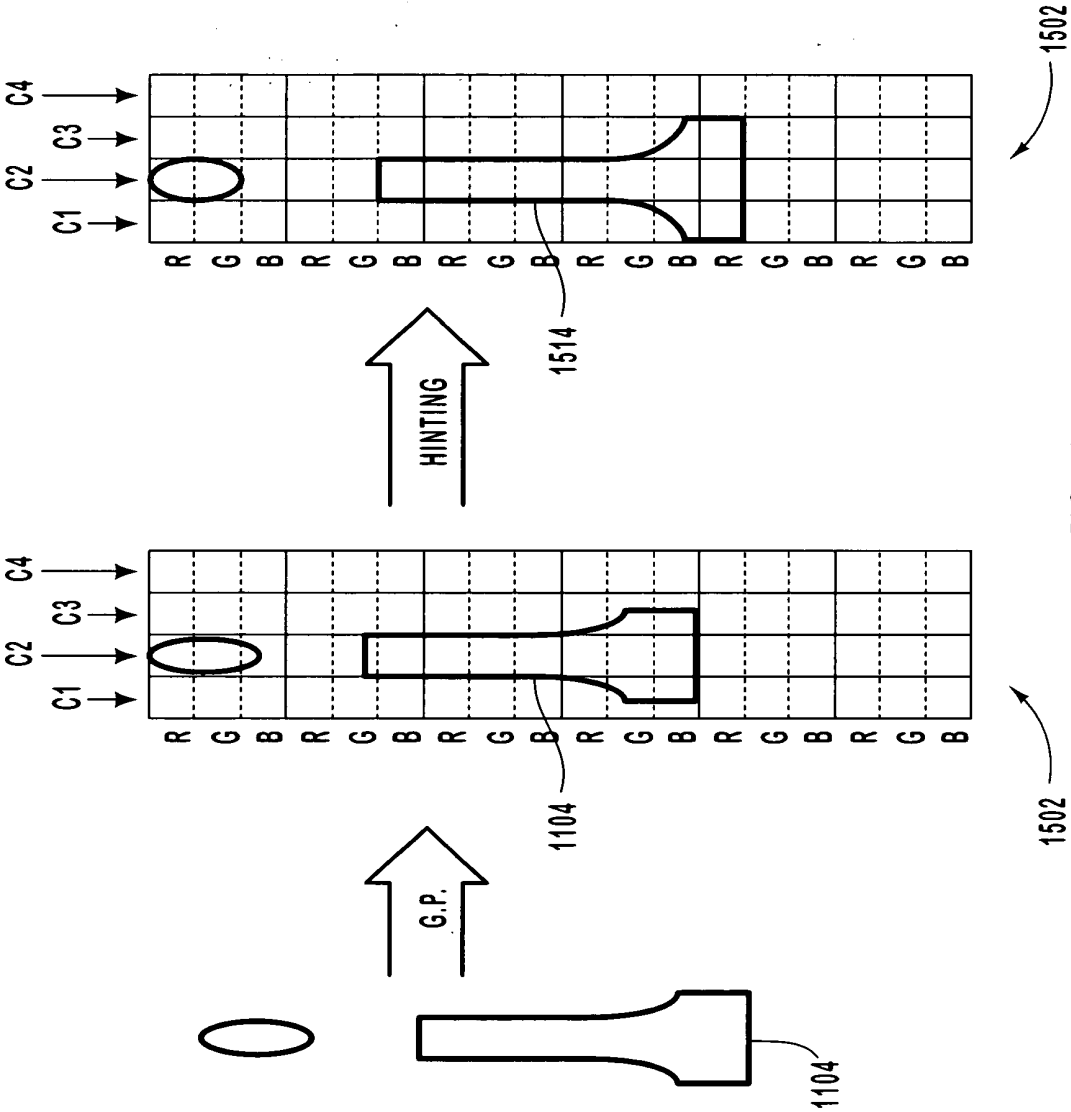


FIG. 15

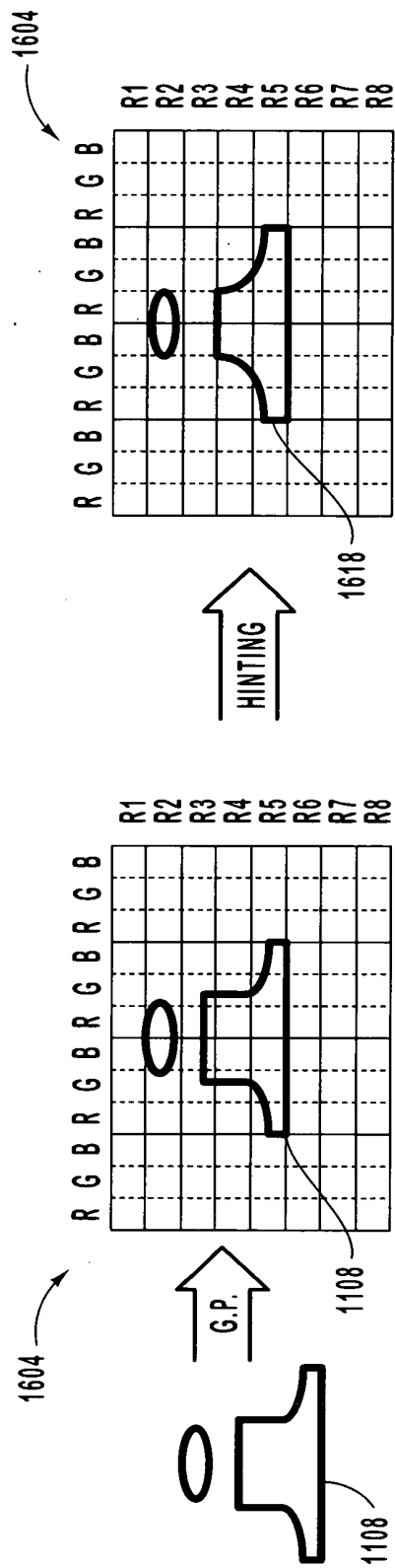


FIG. 16

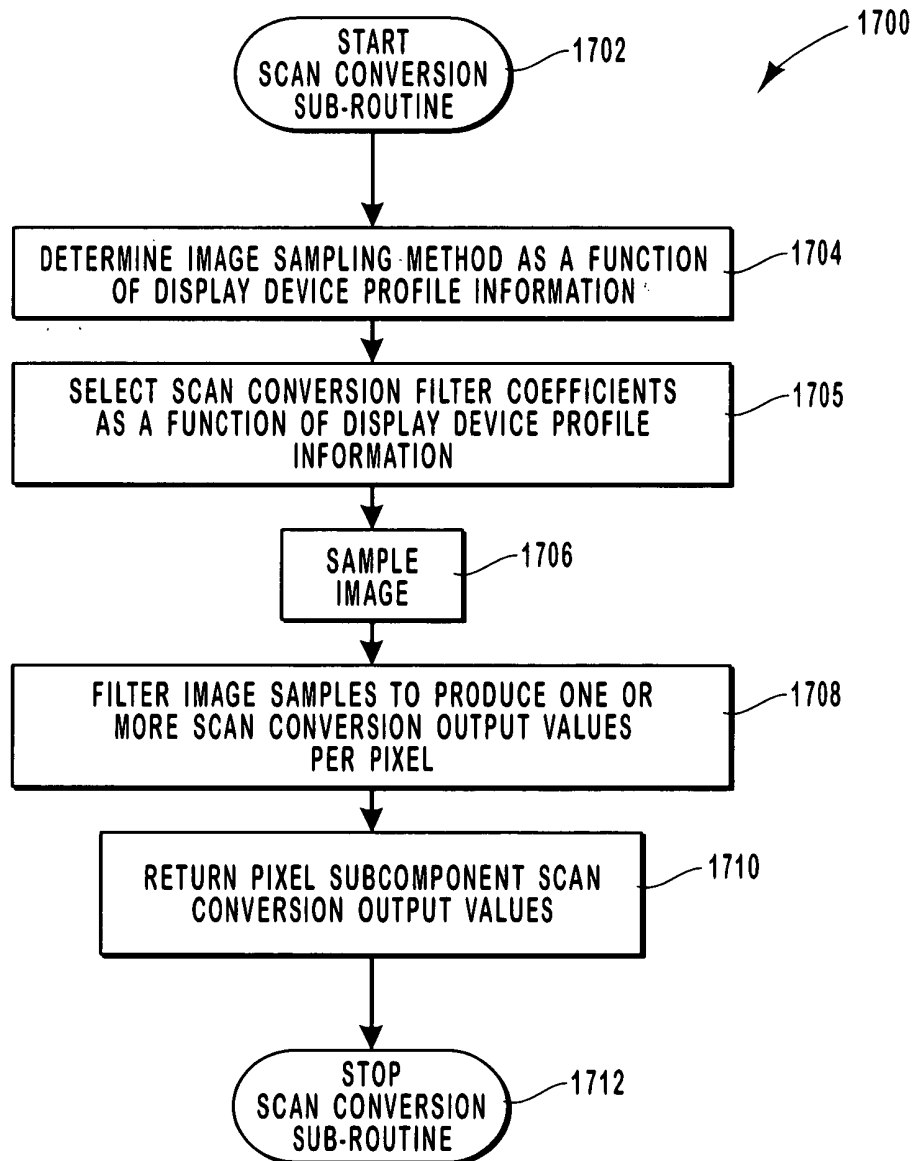


FIG. 17

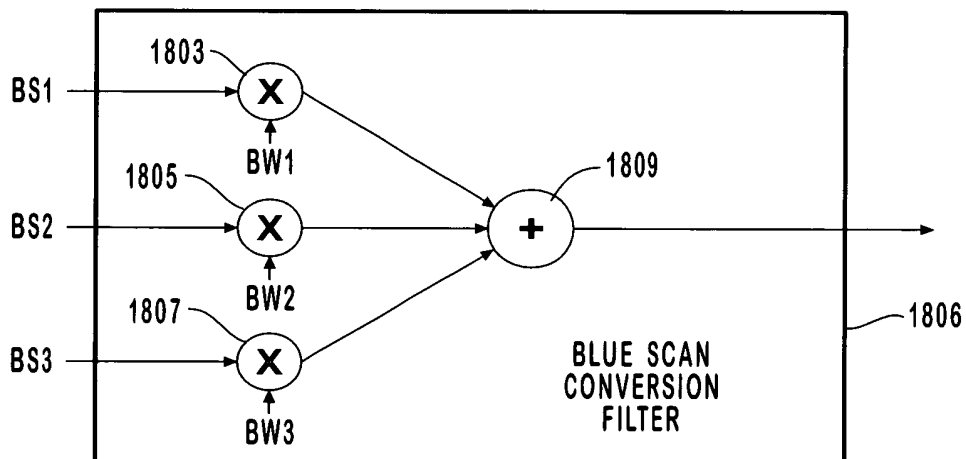
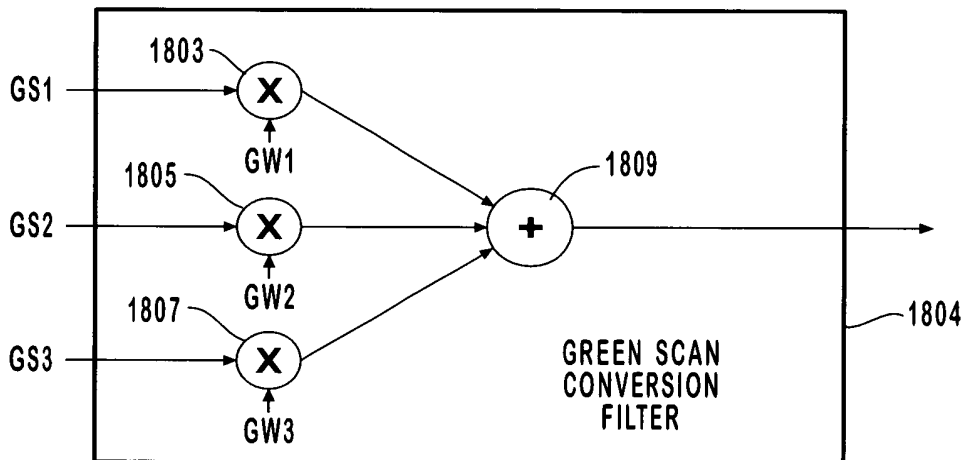
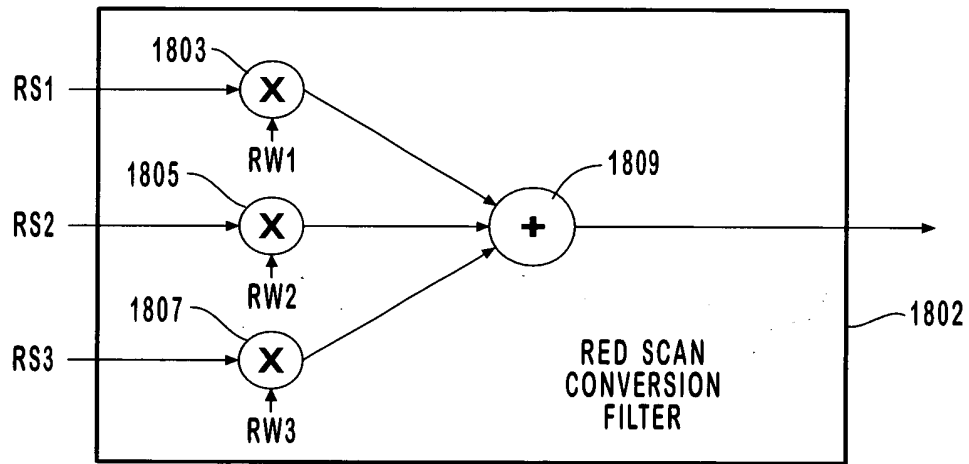


FIG. 18

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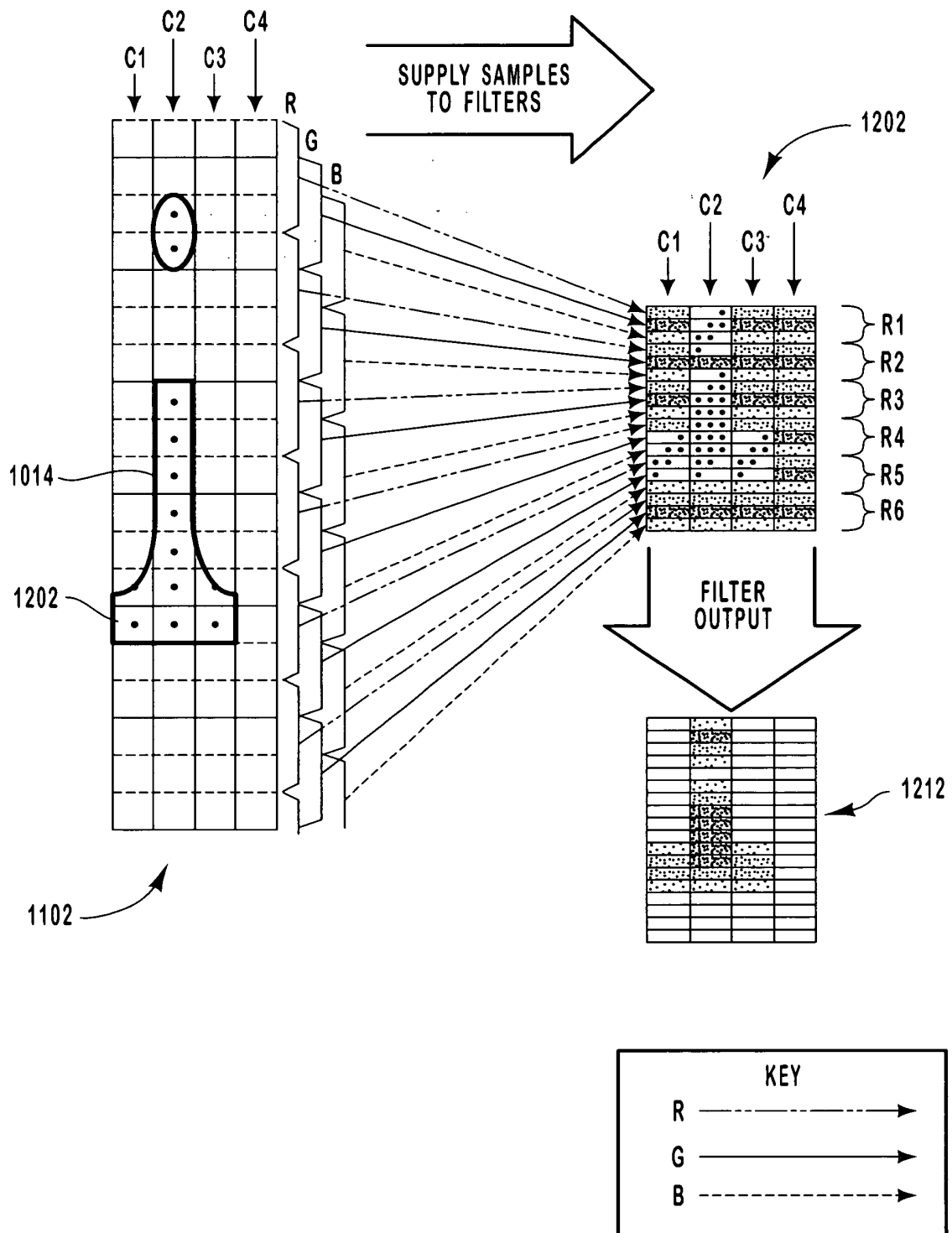


FIG. 19

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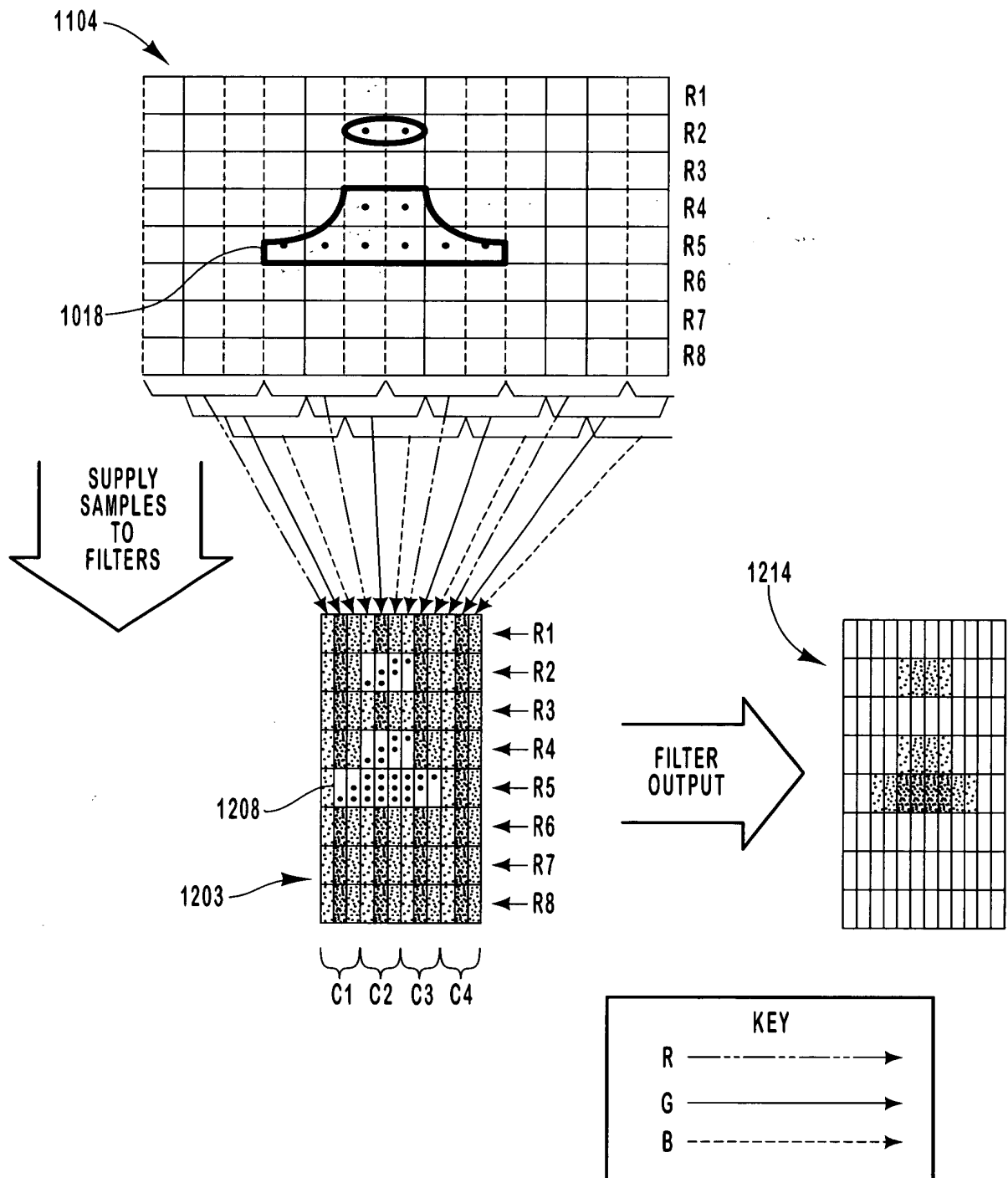


FIG. 20

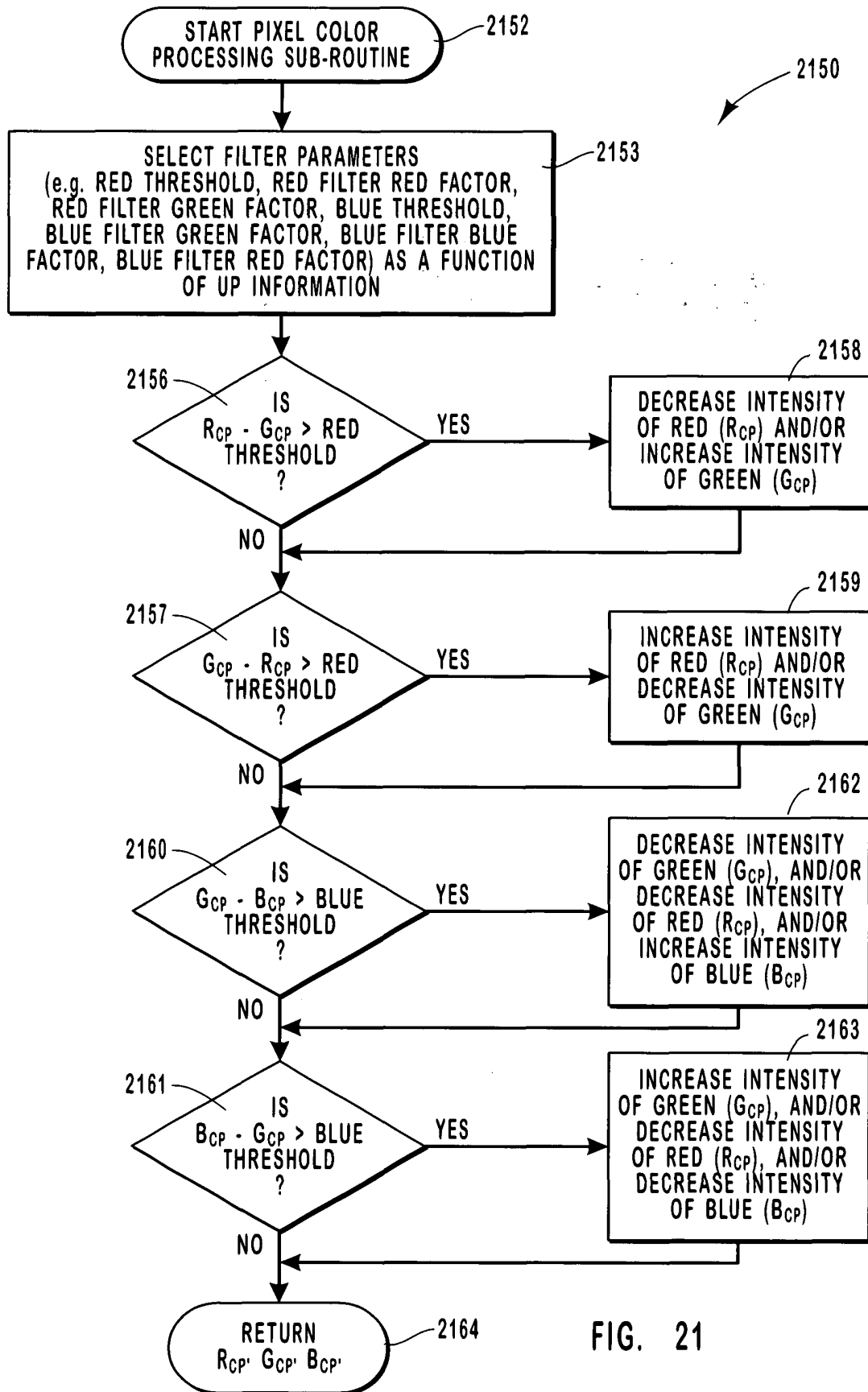


FIG. 21

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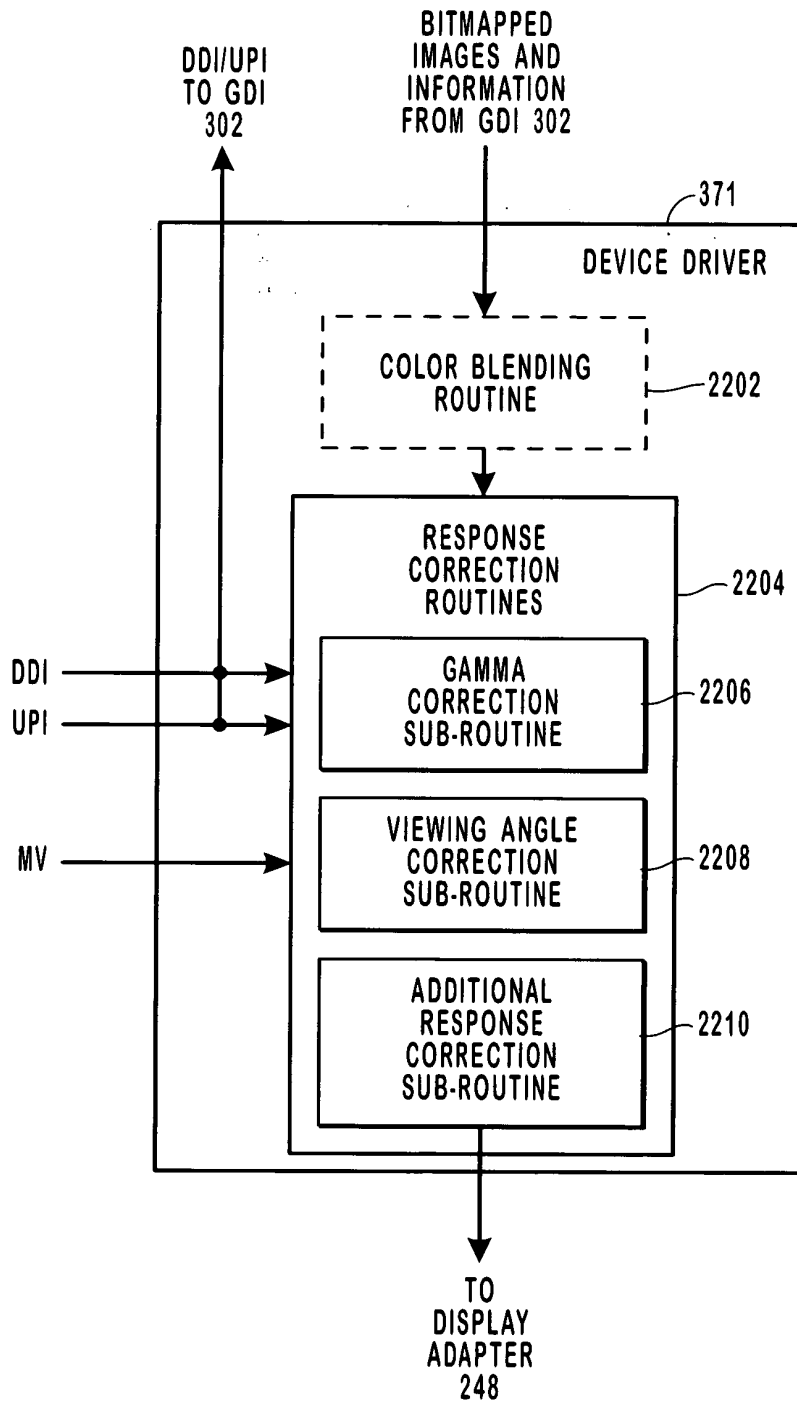


FIG. 22

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FILTER 1			CURRENT PIXEL
RED FILTER	GREEN FILTER	BLUE FILTER	
-0.000	0.000	0.000	2301
-0.000	-0.000	0.000	
0.001	-0.000	-0.000	
-0.004	0.000	0.000	
-0.001	0.000	0.000	
0.011	-0.002	-0.001	
-0.037	0.006	0.005	
-0.015	0.001	0.002	
0.109	-0.020	-0.014	
-0.255	0.065	0.031	
-0.231	0.028	0.029	
0.632	-0.186	-0.075	
0.576	0.383	-0.097	
0.485	0.430	0.357	CURRENT PIXEL
-0.378	0.458	0.630	
0.051	-0.111	0.351	
0.085	-0.108	-0.103	
-0.039	0.075	-0.177	
0.003	-0.009	0.040	
0.009	-0.017	0.041	
-0.003	0.007	-0.027	
0.000	-0.001	0.003	
0.001	-0.002	0.006	
-0.000	0.001	-0.003	
0.000	-0.000	0.000	
0.000	-0.000	0.001	
-0.000	0.000	-0.000	
-0.000	-0.000	0.000	
0.000	-0.000	0.000	
0.000	0.000	-0.000	

FIG. 23A

FIG. 23A
FIG. 23B
FIG. 23C
FIG. 23D
FIG. 23E

FIG. 23

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FILTER 2			CURRENT PIXEL
RED FILTER	GREEN FILTER	BLUE FILTER	
0.000	0.000	-0.000	2302
0.000	0.000	0.000	
-0.000	0.000	0.000	
0.000	-0.000	-0.000	
0.000	-0.000	-0.000	
-0.000	0.000	0.000	
-0.006	-0.001	0.000	
0.004	-0.001	-0.001	
0.034	-0.000	-0.003	
-0.183	0.019	0.018	
-0.147	-0.004	0.010	
0.468	-0.093	-0.055	
0.514	0.387	0.047	
0.445	0.430	0.308	
-0.170	0.408	0.514	
0.009	-0.072	0.251	
0.031	-0.089	-0.009	
0.001	0.020	-0.119	
-0.001	0.000	0.017	
-0.000	-0.003	0.025	
0.000	-0.001	-0.004	
-0.000	0.000	-0.000	
-0.000	0.000	0.001	
0.000	-0.000	0.000	
0.000	0.000	-0.000	
-0.000	0.000	-0.000	
-0.000	0.000	0.000	
0.000	-0.000	-0.000	
0.000	-0.000	-0.000	
-0.000	0.000	-0.000	

FIG. 23B

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FILTER 3			CURRENT PIXEL
RED FILTER	GREEN FILTER	BLUE FILTER	
0.000	-0.000	-0.000	2303
0.000	-0.000	-0.000	
0.000	0.000	-0.000	
-0.000	0.000	0.000	
-0.000	-0.000	0.000	
-0.001	-0.000	-0.000	
0.006	0.000	-0.000	
0.009	0.001	-0.000	
0.002	0.002	0.001	
-0.121	-0.015	-0.001	
-0.088	-0.026	-0.007	
0.332	-0.022	-0.022	
0.459	0.393	0.140	CURRENT PIXEL
0.418	0.430	0.290	
-0.002	0.367	0.412	
-0.010	-0.048	0.190	
-0.005	-0.075	0.040	
0.002	-0.013	-0.059	
-0.000	0.003	0.005	
-0.000	0.003	0.011	
-0.000	0.000	0.003	
0.000	-0.000	-0.001	
0.000	-0.000	-0.001	
0.000	0.000	-0.000	
-0.000	0.000	0.000	
-0.000	0.000	0.000	
-0.000	-0.000	-0.000	
0.000	0.000	-0.000	
0.000	0.000	-0.000	
-0.000	0.000	0.000	

FIG. 23C

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FILTER 4			CURRENT PIXEL
RED FILTER	GREEN FILTER	BLUE FILTER	
0.000	0.000	0.000	
0.000	0.000	0.000	
-0.000	-0.000	-0.000	
-0.001	-0.000	-0.000	
-0.001	-0.000	-0.000	
0.001	0.000	0.000	
0.008	0.003	0.002	
0.008	0.004	0.002	
-0.007	-0.002	-0.001	
-0.077	-0.037	-0.017	
-0.051	-0.039	-0.019	
0.237	0.026	0.008	
0.419	0.398	0.197	
0.401	0.429	0.285	
0.113	0.338	0.337	
-0.016	-0.035	0.153	
-0.025	-0.066	0.065	
-0.011	-0.031	-0.012	
0.001	0.004	-0.000	
0.002	0.006	0.001	
0.001	0.003	0.001	
-0.000	-0.000	-0.000	
-0.000	-0.001	-0.000	
-0.000	-0.000	-0.000	
0.000	0.000	0.000	
0.000	0.000	0.000	
0.000	0.000	0.000	
-0.000	-0.000	-0.000	
-0.000	-0.000	-0.000	
-0.000	-0.000	-0.000	

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FIG. 23D

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FILTER 5			CURRENT PIXEL
RED FILTER	GREEN FILTER	BLUE FILTER	
0.000	0.000	0.000	
0.000	0.000	0.000	
-0.000	-0.000	-0.000	
-0.001	-0.001	-0.000	
-0.001	-0.001	-0.000	
0.001	0.001	0.000	
0.006	0.006	0.004	
0.006	0.006	0.003	
-0.008	-0.007	-0.004	
-0.050	-0.050	-0.029	
-0.030	-0.047	-0.027	
0.178	0.054	0.029	
0.394	0.402	0.229	
0.391	0.429	0.283	
0.183	0.321	0.291	
-0.018	-0.028	0.132	
-0.037	-0.061	0.078	
-0.023	-0.040	0.019	
0.002	0.004	-0.002	
0.005	0.008	-0.004	
0.003	0.005	-0.003	
-0.000	-0.000	0.000	
-0.001	-0.001	0.001	
-0.000	-0.001	0.000	
0.000	0.000	-0.000	
0.000	0.000	-0.000	
0.000	0.000	-0.000	
-0.000	-0.000	0.000	
-0.000	-0.000	0.000	
-0.000	-0.000	0.000	

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FIG. 23E